

## ARG30332 NLRC4 Inflammasome Antibody Panel

Package: 1 kit  
Store at: -20°C

### Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG59418	anti-NLRC4 / CARD12 antibody	Rabbit pAb	Hu, Ms	ICC/IF, IHC-P, WB	20 µl
ARG66211	anti-ASC / TMS1 antibody	Rabbit pAb	Hu, Ms	WB	20 µl
ARG57293	anti-Caspase 1 antibody	Rabbit pAb	Hu, Ms	ICC/IF, IHC-P, IP, WB	20 µl
ARG10112	anti-GAPDH antibody [6C5]	Mouse mAb	AGMK, Bb, Cat, Chk, Dog, Fsh, Hm, Hu, Mk, Ms, Pig, Rb, Rat, Xenopus laevis, Zfsh	ELISA, ICC/IF, IHC-Fr, WB	20 µg

### Summary

Product Description	<p>NLRC4 Inflammasome Antibody Panel is an all-in-one solution to make the research of NLRC4 inflammasome easy and economic. This antibody panel comprises antibodies against the key components of NLRC4 inflammasome including NLRC4, ASC, and Caspase-1. Moreover, a loading control antibody against GAPDH is also included. This panel is the best solution for studying NLRC4 Inflammasome.</p> <p>Related news:  <a href="#">Inflammasome &amp; Pyroptosis Antibody Panels are released</a>  <a href="#">Exploring Antiviral Immune Response</a>  <a href="#">AMPK signaling regulates NLRP3 inflammation and pyroptosis</a></p>
Target Name	NLRC4 Inflammasome
Alternate Names	NLRC4 Inflammasome antibody; GAPDH antibody; Caspase 1 antibody; NLRC4 / CARD12 antibody; ASC / TMS1 antibody

### Properties

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

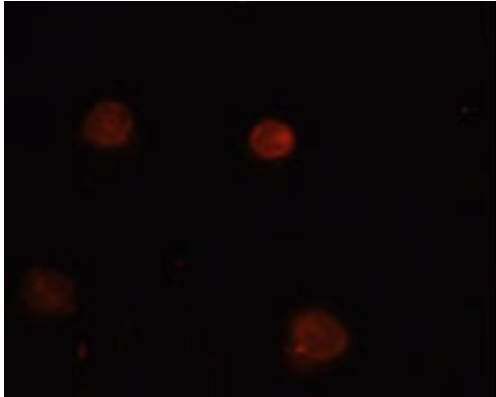
### Bioinformation

Gene Full Name	Antibody Panel for NLRC4 Inflammasome
Highlight	<p>Related Product:</p> <p><a href="#">anti-NLRC4 / CARD12 antibody;</a></p> <p><a href="#">anti-ASC / TMS1 antibody;</a></p>

[anti-Caspase 1 antibody:](#)  
[anti-GAPDH antibody:](#)

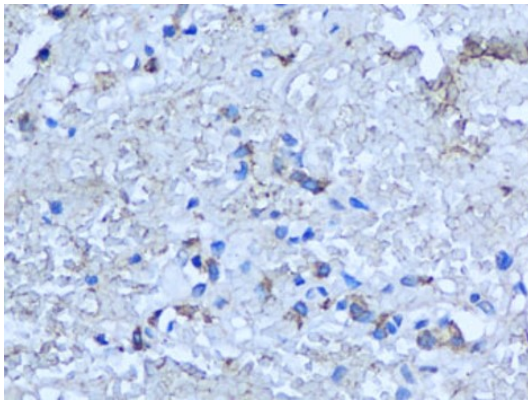
## Images

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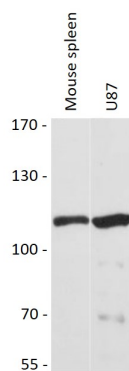
ARG59418 anti-NLRC4 / CARD12 antibody ICC/IF image

Immunofluorescence: THP-1 cells stained with ARG59418 anti-NLRC4 / CARD12 antibody (red).



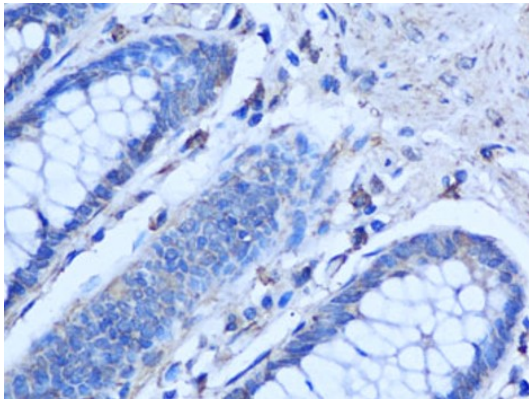
ARG59418 anti-NLRC4 / CARD12 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lung stained with ARG59418 anti-NLRC4 / CARD12 antibody at 1:100 dilution (40x lens).



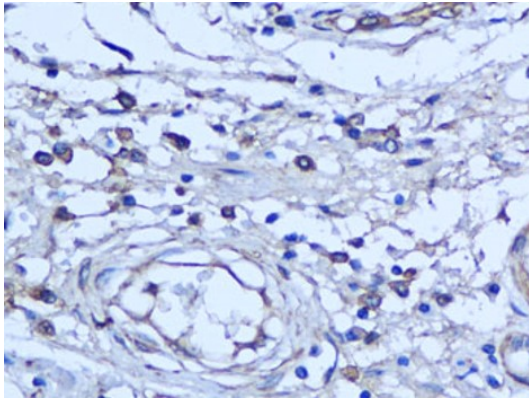
ARG59418 anti-NLRC4 / CARD12 antibody WB image

Western blot: 25 µg of Mouse spleen and U87 cell lysate stained with ARG59418 anti-NLRC4 / CARD12 antibody at 1:3000 dilution.



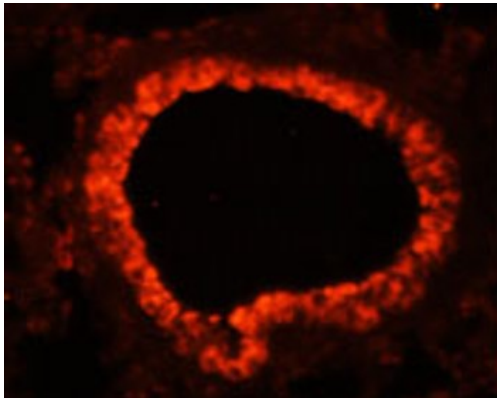
ARG59418 anti-NLRC4 / CARD12 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon stained with ARG59418 anti-NLRC4 / CARD12 antibody at 1:100 dilution (40x lens).



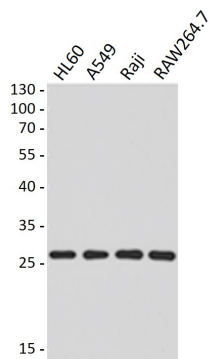
ARG59418 anti-NLRC4 / CARD12 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human gastric stained with ARG59418 anti-NLRC4 / CARD12 antibody at 1:100 dilution (40x lens).



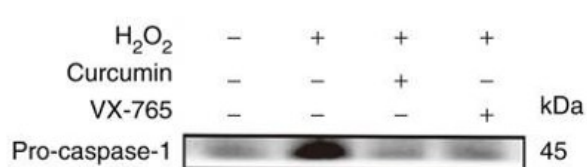
ARG59418 anti-NLRC4 / CARD12 antibody IHC-P image

Immunohistochemistry: Mouse lung stained with ARG59418 anti-NLRC4 / CARD12 antibody (orange-red).



ARG66211 anti-ASC / TMS1 antibody WB image

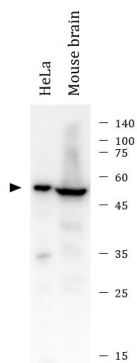
Western blot: 40 µg of HL60, A549, Raji and RAW264.7 cell lysates stained with ARG66211 anti-ASC / TMS1 antibody at 1:500 dilution.



ARG57293 anti-Caspase 1 antibody WB image

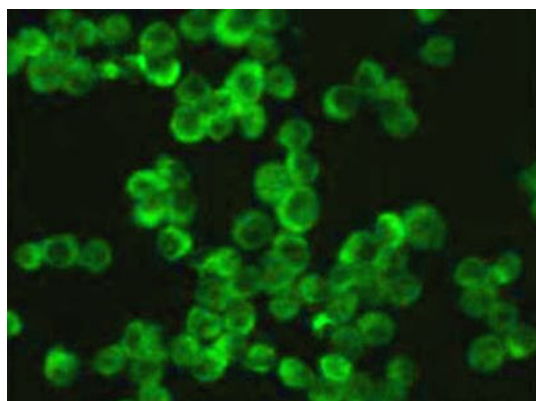
Western blot: HUVECs stained with ARG57293 anti-Caspase 1 antibody at 1:1000 dilution.

From Yulin Yuan et al. Mol Med Rep. (2022), [doi: 10.3892/mmr.2022.12730](https://doi.org/10.3892/mmr.2022.12730), Fig. 3.(A).



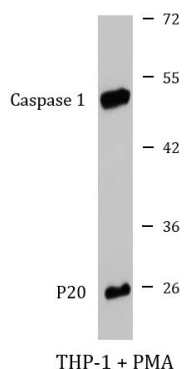
ARG57293 anti-Caspase 1 antibody WB image

Western blot: 10 µg of HeLa and 20 µg of Mouse brain lysates stained with ARG57293 anti-Caspase 1 antibody at 1:1000 dilution.



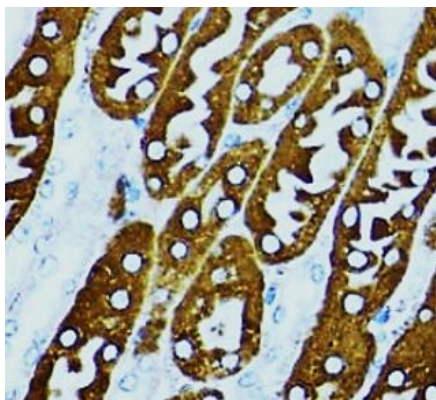
ARG57293 anti-Caspase 1 antibody ICC/IF image

Immunofluorescence: Raw264.7 cells stained with ARG57293 anti-Caspase 1 antibody at 1:100 dilution.



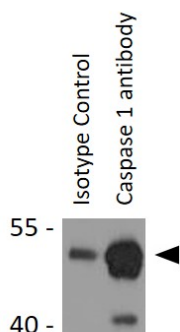
ARG57293 anti-Caspase 1 antibody WB image

Western blot: 25 µg of cell lysate from PMA treated THP-1 cells were stained with ARG57293 anti-Caspase 1 antibody at 1:1000 dilution.



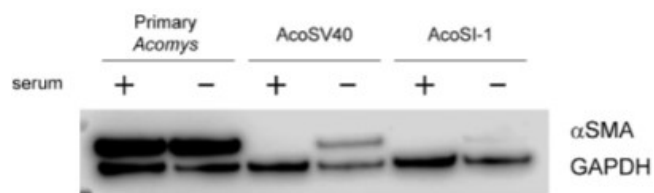
#### ARG57293 anti-Caspase 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse kidney tissue stained with ARG57293 anti-Caspase 1 antibody at 1:100 dilution.



#### ARG57293 anti-Caspase 1 antibody IP image

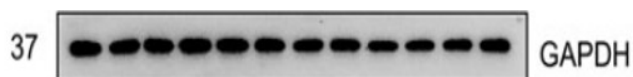
Immunoprecipitation: 200 µg extracts of THP-1 cells  
Immunoprecipitated and stained with ARG57293 anti-Caspase 1 antibody at 1:1000 dilution.



#### ARG10112 anti-GAPDH antibody [6C5] WB image

Western blot: pAFs, AcoSV40, and AcoSI-1 stained with ARG10112 anti-GAPDH antibody [6C5] at 1:5000 dilution.

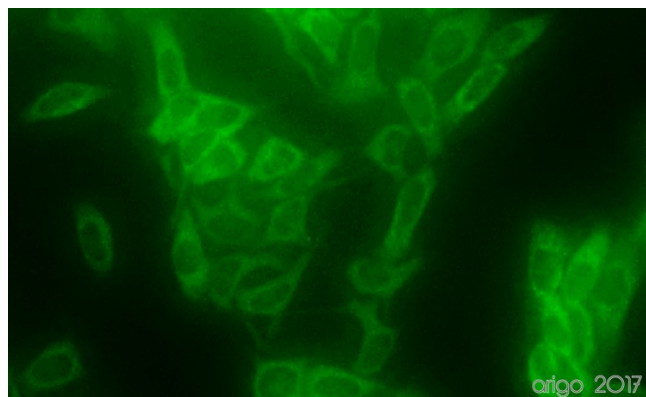
From Michele N Dill et al. PLoS One. (2023), [doi: 10.3389/fcell.2022.899869](https://doi.org/10.3389/fcell.2022.899869), Fig. 2. C.



#### ARG10112 anti-GAPDH antibody [6C5] WB image

Western blot: Porcine kidney stained with ARG10112 anti-GAPDH antibody [6C5].

From Gianni Huang et al. Front Cell Dev Biol (2022), [doi: 10.3389/fcell.2022.899869](https://doi.org/10.3389/fcell.2022.899869), Fig. 2. E.



#### ARG10112 anti-GAPDH antibody [6C5] ICC/IF image

Immunofluorescence: 100% Methanol fixed (RT, 10 min) HeLa cells stained with ARG10112 anti-GAPDH antibody [6C5] (green) at 1:200 dilution.

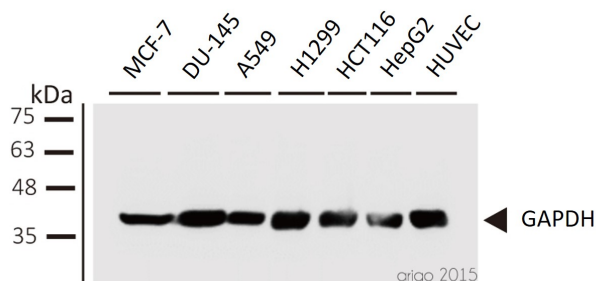
Secondary antibody: [ARG55393](https://doi.org/10.3389/fcell.2022.899869) Goat anti-Mouse IgG (H+L) antibody (FITC)



ARG10112 anti-GAPDH antibody [6C5] WB image

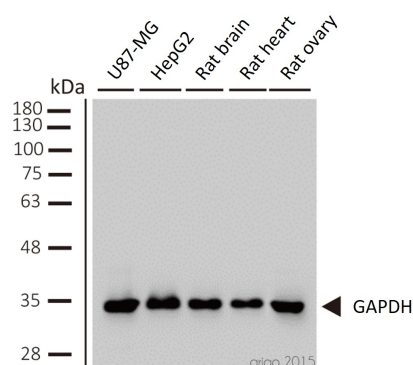
Western blot: Mouse samples stained with ARG10112 anti-GAPDH antibody [6C5] at 1:1000 dilution.

From Yun-Yun Li et al. Int J Biol Sci (2022), [doi: 10.7150/ijbs.68224](https://doi.org/10.7150/ijbs.68224), Fig. 5. C.



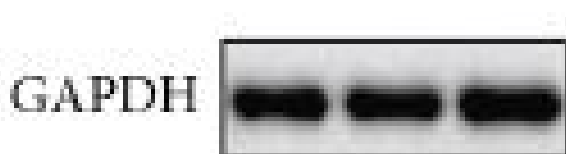
ARG10112 anti-GAPDH antibody [6C5] WB image

Western blot: 1) MCF-7 2) DU-145 3) A549 4) H1299 5) HCT116 6) HepG2 7) HUVEC stained with ARG10112 anti-GAPDH antibody [6C5] at 1:1000 dilution.



ARG10112 anti-GAPDH antibody [6C5] WB image

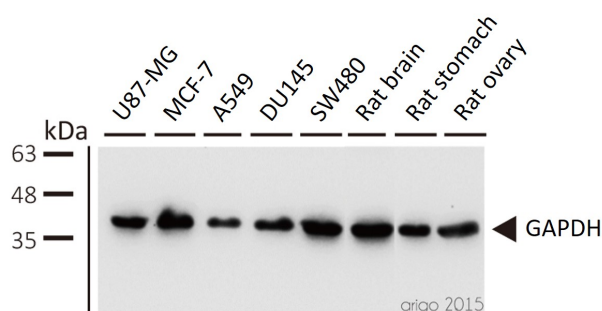
Western blot: 1) U87-MG 2) HepG2 3) rat brain 4) rat heart 5) rat ovary stained with ARG10112 anti-GAPDH antibody [6C5] at 1:2000 dilution.



ARG10112 anti-GAPDH antibody [6C5] WB image

Western blot: HUVEC stained with ARG10112 anti-GAPDH antibody [6C5].

From Bingzheng Lu et al. Oxid Med Cell Longev (2020), [doi: 10.1155/2020/2048210](https://doi.org/10.1155/2020/2048210), Fig. 5. B.



ARG10112 anti-GAPDH antibody [6C5] WB image

Western blot: 1) U87-MG 2) MCF-7 3) A549 4) DU145 5) SW480 6) rat brain 7) rat stomach 8) rat ovary stained with ARG10112 anti-GAPDH antibody [6C5] at 1:5000 dilution.